



FP-11 & ANT-FP

Flat Panel Directional Antenna & Dual Directional Antenna

The FP-11 and ANT-FP are flat panel directional antennas. They are ideally suited for IEEE 802.11b and 802.11g wireless Local Area Networks (LAN's). Both panel antennas are for indoor and outdoor applications. The FP-11 is a single element directional antenna while the ANT-FP is a dual element directional antenna with dual coax leads. The dual element feature allows the ANT-FP antenna to be useful in operating in areas susceptible to the affects of multi-path interference. The FP-11 and ANT-FP are provided with TNC reverse polarity connectors.

Features

2.4 GHz ISM Band

IEEE 802.11b and 802.11g Superior performance

Light weight

Durable UV-stable, UL flame rated radome

Low loss solid brass elements

Can be installed for either vertical or horizontal polarization

Optional mounting brackets available

Indoor or Outdoor use

FP-11 & ANT-FP Specifications

Electrical Specifications

Frequency

2400-2500 MHz

Horizontal Beam Width

FP-11: 30°

ANT-FP: 60°

Vertical Beam Width

30°

Impedance

50 Ohm

VSWR

< 1.5:1 avg.

Max Input Power

FP-11: 25 Watts

Lighting Protection

DC Short

Mechanical Specifications

Radome Material

UV-inhibited Polymer

Flame Rating

UL 94HB

Operating Temperature

-40°C to 85°C (-40°F to 185°F)

Polarization

Horizontal or Vertical

Wind Survival

>150 MPH (241 KPH)

Product Dimensions/Weight

FP-11

8.5" x 8.5" x 1" (216mm x 216mm x 26mm),
.95 lbs (.43 kg)

ANT-FP

8.5" x 8.5" x 1" (216mm x 216mm x 26mm),
.95 lbs (.43 kg)

Shipping Dimensions/Weight

FP-11

9" x 12" x 1.5" (228.6mm x 304.8mm x 38.1mm),
2 lbs (.91 kg)

ANT-FP

9" x 12" x 1.5" (228.6mm x 304.8mm x 38.1mm),
2 lbs (.91 kg)

Contact Information

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Form Number: LIT000272000 Rev A

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Ordering Information

FP-11

Flat Panel Directional Antenna (11 dB) with TNC
reverse polarity connector
Catalog Number: 302054006

ANT-FP

Flat Panel Dual Element Directional Antenna (11 dB),
with dual coax TNC reverse polarity connectors
Catalog Number: 302054001

This specifications information is preliminary and is subject to change without notification.

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